

***FlyBy Math™* Alignment**
Mathematics Standards of Learning

Probability and Statistics**Standard**

6.18 The student, given a problem situation, will collect, analyze, display, and interpret data in a variety of graphical methods, including

- a) line, bar, and circle graphs;
- b) stem-and-leaf plots; and
- c) box-and-whisker plots.

Circle graphs will be limited to halves, fourths, and eighths.

***FlyBy Math™* Activities**

--Conduct simulation and measurement for several aircraft conflict problems.

--Represent distance, rate, and time data using tables, line plots, bar graphs, and line graphs.

--Use tables, bar graphs, line graphs, a Cartesian coordinate system, and equations to model aircraft conflicts and predict outcomes.